

**Overview of Request for DID/CDRL Changes
ECS CCR # 96-0539A**

DID	TITLE	POCs	VARIANCE	RATIONALE
204/SE3	Annual Capabilities Requirements and Technology Report	ECS: B. Clinard ESDIS: C. Schroeder	Delete Requirement.	Item is linked to CRR milestone (Capabilities Requirements Review), an ESDIS- driven review (SOW reference 2.4.1) CRR has not been held to date. Information solicited by the DID is already presented in existing CDRLs and major review material delivered throughout the life of the contract.
206/SE2	Version 0 Analysis Report (Contractor Analysis of V0)	ECS: J. Feldman ESDIS: G. Hunolt	Delivery Date From: SDR - 2 weeks, PDR/IDR - 2 weeks Delivery Date To: SDR - 2 weeks, PDR - 2 weeks	VO Analysis Report submitted for PDR judged by ESDIS to be adequate; no future submittals are required.
215/SE2	Security Risk Analysis Report	ECS: J. Fisher, F. Davarya ESDIS: D. Lakins	Delivery Date From: PDR/IDR + 2 months Delivery Date To: CDR + 2 months	To satisfy DID requirements, the security analysis must be performed on the ECS equipment for each Release. This analysis can not be performed until two months after a release CDR. The equipment selections for these facilities isn't made until the Release CDR; therefore, beginning with Release B, the DID delivery should be at CDR + 2 months.
218/SE3	Project Development History	ECS: B. Clinard ESDIS: C. Schroeder	Change delivery date to indicate no further deliveries required. Delivery Date From: yearly Delivery Date To: yearly through 1995	The information solicited by the DID is already presented in existing CDRLs and major review material delivered throughout the life of the contract. For example, the Monthly Program Review addresses the "schedule, size, changes, and problems"; Design Reviews address the "decision process made in selecting tradeoffs"; Design Reviews also address "the development approach", etc; Materials are presented through existing deliverables in a more timely and relevant form than in this DID. NOTE: CDRL item should be retained to reflect prior deliveries

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221/SE2	CRR Input Materials	ECS: B. Clinard ESDIS: C. Schroeder	Delete Requirement.	Item is linked to CRR milestone (Capabilities Requirements Review), an ESDIS- driven review (SOW reference 2.4.1) CRR has not been held to date. Information solicited by the DID is already presented in existing CDRLs and major review material delivered throughout the life of the contract.
307/DV2	Segment Release Plan	ECS: H. Schroeder, K. Kleis, T. Patterson ESDIS: G. Iona	Incorporate elements of DID 307/DV2 into DID 329/DV2. Change delivery date to indicate no further deliveries required. Delivery Date From: PDR/IDR - 2 weeks Delivery Date To: PDR - 2 weeks	Delivering Development and Release Plans in a single document is more efficient and increases utility. Thus, request that elements of DID 307/DV2 be incorporated into DID 329/DV2, and that no further deliveries of DID 307/DV2 be required. NOTE: CDRL item should be retained to reflect prior deliveries
311/DV1	Database Design and Database Schema Specifications	ECS: L. Wheeler, M. Chipman ESDIS: M. Moore	Delivery Date From: 1 month after PDR/IDR Delivery Date To: PDR/IDR + 1 month (P) CDR + 1 month (F) RRR + 1 month (U/D)	The development of the data architecture and database design is a parallel effort with that of the overall design. Delivery of the Release A DID 311 as a preliminary document at PDR enabled evaluation of the proposed data models and document content, while a final document at CDR contained the precise data definitions, valids, and the schemas. Delivery of the final document one month after CDR enabled the database design and schemas for all subsystems to be in synch with the CDR documentation and object models. ECS and ESDIS have discussed the same schedule for the Release B Documents. Note that although no "as built" version of this document is required, it may be necessary to deliver such a document, in order to close the remaining TBDs in the final documentation.

329/DV2	Segment/Element Development Plans Segment/Element Development/Release Plans	ECS: H. Schroeder, K. Kleis, T. Patterson ESDIS: G. Iona	Incorporate elements of DID 307/DV2, Segment Release Plan. Change title to reflect combined document. Update DID description.	Delivering Development and Release Plans in a single document is more efficient and increases utility.
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508/PA1	Responses to Review Team Recommendations & Action Items	ECS: K. Wheeler (L. Tatman) ESDIS: C. Schroeder	Change delivery date to indicate no further deliveries required. Delivery Date From: ~ 1 month after each review Delivery Date To: ~ 1 month after each review through 07/93	At the discretion of the Review Team, a formal Review Item Discrepancy (RID) panel has been established at each Review to manage RID workoff and closure. A government database is used to capture issues and responses, and ECS provides a plan that includes the schedule for workoff and closure. Data contained in DID 508 is redundant with these materials. NOTE: CDRL item should be retained to reflect prior deliveries.
520/PA2	Software Critical Items List	ECS: M. DePriest ESDIS: T. Hammer	Change delivery date to indicate no further deliveries required. Delivery Date From: 2 weeks prior to PDR/IDR with updates as required Delivery Date To: 2 weeks prior to PDR	Code 303 has determined previous submittal of this DID to be adequate. document requirement should be dropped as process for managing Software critical items list is now documented in DID 308/SDP, thus no further deliveries of 520 are needed. NOTE: CDRL item should be retained to reflect prior deliveries.
522/PA2	Integration & Inspection Flow Plan	ECS: J. Spyrison ESDIS: T. Hammer	Delivery Date From: PDR - 2 weeks CDR - 2 weeks Delivery Date To: PDR - 2 weeks, if applicable CDR - 2 weeks, if applicable "Not Applicable" report not required.	Subject DID is most applicable to the design, manufacture, or fabrication of custom hardware for ECS. Its intent is to plan and identify the materiel flow through custom manufacturing, fabrication, and integration; identifying appropriate inspection and test points. Since no custom hardware requirements have been identified or are planned for ECS, a not applicable report for DID 522 was submitted for CDR. It is requested that, if the planned activities justify the preparation of DID 522/PA2, it be prepared and submitted; but, that no further "Not Applicable" reports be required.

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523/PA1	Contractor Workmanship Procedures Proposed instead of NASA NHBs	ECS: J. Spyrison ESDIS: T. Hammer	Delivery Date From: 1 month prior to SDR, as required Delivery Date To: SDR - 1 month, if applicable "Not Applicable" report not required.	Preparation of DID 523 requires the presence of hardware activity appropriate to these NASA workmanship requirements, and since there is no such activity identified yet, a not applicable report was submitted for CDR-B. It is requested that, if the planned activities justify the preparation of DID 523, it be prepared and submitted; but, that no further "Not Applicable" reports be required.
526/PA1	Standard Repair Procedures	ECS: T. Jaeger, J. Spyrison ESDIS: T. Hammer	Delivery Date From: RRR - 1 month Delivery Date To: as required Modify DID description to add words " custom designed " before the word "hardware" in the first line of the DID description.	Troubleshooting procedures are contained in operators' manual (DID 611), which is provided with each equipment item. Repair/replacement procedures for COTS products are contained in the vendor's maintenance manuals and are generally not made available to the user organization. When the vendor does make them available, they are at additional cost to the contract. Most, if not all, of ECS equipment will be vendor maintained. For vendor-maintained equipment, maintenance manuals are not needed. If equipment is to be self-maintained, the maintenance documentation necessary to perform maintenance is provided by the vendor or will be purchased. In such cases, contractor preparation of custom repair procedures results in no added value and is an additional cost to the contract. Recommend that delivery schedule become "as required." This leaves the DID alive, even though it probably will never be submitted.
532/PA1	Environmental Control Plan	ECS: J. Spyrison ESDIS: T. Hammer	Delivery Date From: CDR - 1 month Delivery Date To: CDR + 1 month	Requires knowledge of the detailed design presented at CDR. The detailed design is not available to facility planners until days before CDR, which is too late for preparation of the plan. Currently, the document is outdated by the time it is published. Delaying submission to CDR +1 Month would enable the plan to be based on the detailed design and thereby improve the value of the document to the DAACs and the Project.

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535/PA1	Acceptance Data Package	ECS: M. Bensimon, J. LeBlanc, J. Spyrison ESDIS: T. Hammer	Delivery Date From: 2 weeks after each release Delivery Date To: RRR + 4 weeks	CDRL due milestone occurs before testing is complete and data required for document's completion is thus not available.
612/OP3	Programmer's Manuals	ECS: A. Miller, P. Ambardekar, T. Hickey ESDIS: M. Rackley	Update SOW to correct Section 3.8.3.1 to show DID 612 instead of DID 305.	Section 3.8.3.1 states that "The Contractor shall provide Programmer's Manuals in accordance with DID 305/DV3 (P) 305/DV2 (F) 305/DV2 (U/D) for each of the ECS elements. " Programmer's Manuals are DID 612/OP3 not DID 305/DVx. The SOW should be updated to reflect the correct DID.
627/OP3	Security Risk Management Plan	ECS: J. Fisher, F. Davarya ESDIS: D. Lakins	Delivery Date From: 1 month after DID 215/SE3 Delivery Date To: CDR + 3 months (1 month after DID 215/SE3)	Document delivery is tied to DID 215/SE2, whose delivery date has been requested to be moved to CDR + 2 months. Thus, if the requested change is made to 215/SE2, then the delivery date for 627/OP3 must be moved to CDR + 3 months, which is 1 month after the delivery date for DID 215/SE3.